

One Step Algebraic Inequalities (1A)

Cover Algebraic Term with Unknown! Determine Value for Inequality to be Equal!
Create a Number Line Graph for Solution! The Number Line will have a Solid or Hole!
Check Test Points by Substitution, to Verify the Solution to Inequality!



All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is in **Solution Set or not in SS!**

$$W + 4 < 9$$

$$W < \underline{\quad}$$

$$5 + P \geq 9$$

$$P \geq \underline{\quad}$$

$$R - 2 > 5$$

$$R > \underline{\quad}$$

$$C - 2 \leq 6$$

$$C \leq \underline{\quad}$$

$$2D \leq 4$$

$$D \leq \underline{\quad}$$

$$3W > 21$$

$$W > \underline{\quad}$$

$$M / 3 \geq 9$$

$$M \geq \underline{\quad}$$

$$S / 3 < 6$$

$$S < \underline{\quad}$$

$$T - 7 \geq 2$$

$$T \geq \underline{\quad}$$

$$B - 3 < 5$$

$$B < \underline{\quad}$$

$$X + 5 \leq 8$$

$$X \leq \underline{\quad}$$

$$2 + M > 8$$

$$M > \underline{\quad}$$

$$P / 4 > 2$$

$$P > \underline{\quad}$$

$$T / 5 \leq 2$$

$$T \leq \underline{\quad}$$

$$5A < 10$$

$$A < \underline{\quad}$$

$$4Z \geq 16$$

$$Z \geq \underline{\quad}$$

One Step Algebraic Inequalities (1B)

Cover Algebraic Term with Unknown! Determine Value for Inequality to be Equal!
Create a Number Line Graph for Solution! The Number Line will have a Solid or Hole!
Check Test Points by Substitution, to Verify the Solution to Inequality!



All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is **in Solution Set or not in SS!**

$$P + 4 \geq 8$$

$$P \geq \underline{\quad}$$

$$5 + M \leq 12$$

$$M \leq \underline{\quad}$$

$$C - 2 \leq 6$$

$$C \leq \underline{\quad}$$

$$U - 4 \geq 5$$

$$U \geq \underline{\quad}$$

$$2Z > 8$$

$$Z > \underline{\quad}$$

$$3G < 15$$

$$G < \underline{\quad}$$

$$A / 3 < 6$$

$$A < \underline{\quad}$$

$$E / 2 > 6$$

$$E > \underline{\quad}$$

$$2Y \leq 6$$

$$Y \leq \underline{\quad}$$

$$2H \geq 12$$

$$H \geq \underline{\quad}$$

$$B / 3 \geq 2$$

$$B \geq \underline{\quad}$$

$$M / 5 \leq 3$$

$$M \leq \underline{\quad}$$

$$D - 5 < 4$$

$$D < \underline{\quad}$$

$$H - 4 > 2$$

$$H > \underline{\quad}$$

$$4 + S > 9$$

$$S > \underline{\quad}$$

$$K + 4 < 6$$

$$K < \underline{\quad}$$